Register No.: ....   Name: ....

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

THIRD SEMESTER M.C.A DEGREE EXAMINATION (Regular), DECEMBER 2022
(2021 SCHEME)

Course Code: 21CA303-E

Course Name: Cloud Computing

Max. Marks: 60   **Duration: 3 Hours**

PART A
(Answer all questions. Each question carries 3 marks)

1. Explain the challenges of Cloud computing.
2. Explain the usage scenario and application of cloud computing.
3. Write short note on any three standards for messaging.
4. Define Ajax. Mention the various technologies used in Ajax.
5. Explain Cloud management and Cloud asset management.
6. Write a note on metering and billing.
7. What is the need for storage virtualization? Name any two ways in which it is structured.
8. How does full virtualization differ from para-virtualization?
9. Write a note on online scheduling applications.
10. What are the merits of web-based word processors?

PART B
(Answer one full question from each module, each question carries 6 marks)

MODULE I

11.   a)   What is cloud computing?   (2)
         b)   Explain IaaS and PaaS.   (4)

OR

12.   Explain different cloud models.   (6)

MODULE II

13.   Describe legal and regulatory issues of the cloud.   (6)

OR

14.   Describe the challenges of Cloud data security, Network security and Host Security.   (6)

MODULE III

15.   What is a cloud ecosystem? Which are the different roles in the cloud ecosystem?   (6)

OR

16.	Explain Testing as a Service, Storage as a Service, Information as a Service.	(6)

MODULE IV

17.	What is virtual desktop infrastructure? Discuss its advantages and disadvantages.	(6)

OR

18.	Explain network virtualization and application virtualization.	(6)

MODULE V

19.	Analyze the need for collaborating on calendars, schedules and task management.	(6)

OR

20.	Explain in detail about collaborating on word processing.	(6)

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